

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a)  $\frac{25}{42} - \frac{10}{21} =$

b)  $\frac{8}{11} - \frac{9}{22} =$

c)  $\frac{7}{8} - \frac{11}{40} =$

d)  $\frac{22}{45} - \frac{2}{15} =$

② a)  $\frac{13}{18} - \frac{23}{36} =$

b)  $\frac{11}{12} - \frac{13}{16} =$

c)  $\frac{9}{16} - \frac{1}{8} =$

d)  $\frac{4}{5} - \frac{3}{10} =$

③ a)  $\frac{1}{2} - \frac{19}{44} =$

b)  $\frac{3}{4} - \frac{4}{11} =$

c)  $\frac{17}{19} - \frac{2}{3} =$

d)  $\frac{11}{12} - \frac{17}{30} =$

④ a)  $\frac{21}{25} - \frac{7}{10} =$

b)  $\frac{1}{2} - \frac{1}{6} =$

c)  $\frac{13}{21} - \frac{1}{6} =$

d)  $\frac{6}{7} - \frac{2}{35} =$

⑤ a)  $\frac{6}{7} - \frac{3}{5} =$

b)  $\frac{13}{14} - \frac{25}{42} =$

c)  $\frac{26}{27} - \frac{5}{9} =$

d)  $\frac{11}{39} - \frac{2}{13} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{25}{42} - \frac{10}{21} = \frac{25}{42} - \frac{20}{42} = \frac{5}{42}$$

$$\text{b) } \frac{8}{11} - \frac{9}{22} = \frac{16}{22} - \frac{9}{22} = \frac{7}{22}$$

$$\text{c) } \frac{7}{8} - \frac{11}{40} = \frac{35}{40} - \frac{11}{40} = \frac{24}{40} = \frac{3}{5}$$

$$\text{d) } \frac{22}{45} - \frac{2}{15} = \frac{22}{45} - \frac{6}{45} = \frac{16}{45}$$

$$\textcircled{2} \quad \text{a) } \frac{13}{18} - \frac{23}{36} = \frac{26}{36} - \frac{23}{36} = \frac{3}{36} = \frac{1}{12}$$

$$\text{b) } \frac{11}{12} - \frac{13}{16} = \frac{44}{48} - \frac{39}{48} = \frac{5}{48}$$

$$\text{c) } \frac{9}{16} - \frac{1}{8} = \frac{9}{16} - \frac{2}{16} = \frac{7}{16}$$

$$\text{d) } \frac{4}{5} - \frac{3}{10} = \frac{8}{10} - \frac{3}{10} = \frac{5}{10} = \frac{1}{2}$$

$$\textcircled{3} \quad \text{a) } \frac{1}{2} - \frac{19}{44} = \frac{22}{44} - \frac{19}{44} = \frac{3}{44}$$

$$\text{b) } \frac{3}{4} - \frac{4}{11} = \frac{33}{44} - \frac{16}{44} = \frac{17}{44}$$

$$\text{c) } \frac{17}{19} - \frac{2}{3} = \frac{51}{57} - \frac{38}{57} = \frac{13}{57}$$

$$\text{d) } \frac{11}{12} - \frac{17}{30} = \frac{55}{60} - \frac{34}{60} = \frac{21}{60} = \frac{7}{20}$$

$$\textcircled{4} \quad \text{a) } \frac{21}{25} - \frac{7}{10} = \frac{42}{50} - \frac{35}{50} = \frac{7}{50}$$

$$\text{b) } \frac{1}{2} - \frac{1}{6} = \frac{3}{6} - \frac{1}{6} = \frac{2}{6} = \frac{1}{3}$$

$$\text{c) } \frac{13}{21} - \frac{1}{6} = \frac{26}{42} - \frac{7}{42} = \frac{19}{42}$$

$$\text{d) } \frac{6}{7} - \frac{2}{35} = \frac{30}{35} - \frac{2}{35} = \frac{28}{35} = \frac{4}{5}$$

$$\textcircled{5} \quad \text{a) } \frac{6}{7} - \frac{3}{5} = \frac{30}{35} - \frac{21}{35} = \frac{9}{35}$$

$$\text{b) } \frac{13}{14} - \frac{25}{42} = \frac{39}{42} - \frac{25}{42} = \frac{14}{42} = \frac{1}{3}$$

$$\text{c) } \frac{26}{27} - \frac{5}{9} = \frac{26}{27} - \frac{15}{27} = \frac{11}{27}$$

$$\text{d) } \frac{11}{39} - \frac{2}{13} = \frac{11}{39} - \frac{6}{39} = \frac{5}{39}$$